

WHAT IS CLAIMED IS:

1. A computer-based interactive medical training system comprising a case study presented in a computerized display in a virtual patient chart format for a patient exhibiting a given medical condition, wherein the virtual patient chart format simulates realistic aspects of a patient chart of medical records.

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2. The computer-based interactive medical training system of Claim 1, wherein the virtual patient chart further comprises diagnostic reports of a plurality of diagnostic imaging modalities.

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3. The computer-based interactive medical training system of Claim 2, wherein the diagnostic reports further comprise diagnostic reports on the given medical condition.

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4. The computer-based interactive medical training system of Claim 2, wherein the diagnostic reports further comprise diagnostic images from the plurality of diagnostic imaging modalities.

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5. The computer-based interactive medical training system of Claim 2, wherein the diagnostic reports further comprise instruction that a given diagnostic modality is not appropriate or deemed necessary to diagnose the given medical condition.

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6. The computer-based interactive medical training system of Claim 1, wherein the virtual patient chart further comprises general medical information on the given medical condition.

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7. The computer-based interactive medical training system of Claim 6, wherein the general medical information further comprises one or more of typical findings for a given pathology, signs, symptoms, treatment and prognosis for the given medical condition.

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8. The computer-based interactive medical training system of Claim 1, wherein the virtual patient chart further comprises at least one of laboratory reports and pathology specimen pictures.

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9. The computer-based interactive medical training system of Claim 1, further comprising a test on the comprehension or application of the information of the virtual patient chart.

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10. The computer-based interactive medical training system of Claim 9, wherein the test comprises a test which may be taken following review of some or all of the material of the virtual patient chart.

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11. The computer-based interactive medical training system of Claim 9, wherein the virtual patient chart is presented by a computer, and wherein the test is scored by the computer presenting the patient chart.

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12. The computer-based interactive medical training system of Claim 9, wherein the virtual patient chart is presented by a computer, and wherein the test is scored by a computer connected to the computer presenting the patient chart.

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13. A computer-based interactive medical training system comprising a tutorial presented in a computerized display, the tutorial presenting one or more teaching

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segments of medical information which contain an animation illustrating the medical information being taught.

5           14. The computer-based interactive medical training system of Claim 13, wherein a teaching segment further comprises a textual passage describing the medical information and an animation illustrating the medical information.

10          15. The computer-based interactive medical training system of Claim 14, wherein the animation comprises an animated graphic.

15          16. The computer-based interactive medical training system of Claim 14, wherein the animation comprises a moving picture.

20          17. The computer-based interactive medical training system of Claim 14, wherein the textual passage and the animation can be seen on a computer screen without scrolling.

25          18. The computer-based interactive medical training system of Claim 13, wherein a teaching segment further comprises a quiz of the medical information taught in the segment.

30          19. The computer-based interactive medical training system of Claim 18, wherein the number of teaching segments is two or more.

35          20. The computer-based interactive medical training system of Claim 18, wherein the quiz further comprises a graphic with which a student interacts to demonstrate knowledge of the medical information.

21. The computer-based interactive medical training system of Claim 20, wherein the graphic comprises a diagnostic medical image.

5       22. The computer-based interactive medical training system of Claim 13, wherein the medical information comprises a clinical application of medical diagnostic imaging.

10      23. The computer-based interactive medical training system of Claim 13, wherein the medical information comprises at least one of a scientific principle, medical practice, or operation of medical equipment.

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